



Government  
Commercial  
Function

Good afternoon,

The Government Commercial Function (GCF) needs your help to build a resource pool to provide a rapid response to critical COVID-19 requirements, most urgently to deliver 30,000 new ventilators.

**Please review the list below and if you have any experience of working within these sectors, complete the attached template and return it to [commercialtalent@cabinetoffice.gov.uk](mailto:commercialtalent@cabinetoffice.gov.uk) by midday on Tuesday 17th March.**

1. Medical device company or a supplier to medical device companies
2. Pharmaceutical company or a supplier to pharmaceutical companies
3. Companies that sub contract or make components for any of those listed above
4. Companies that manufacture critical components likely to include air compressors, sheet metal, pipes, valves, couplings, flow sensors, power supplies, industrial automation/testing. A more detailed list is below.

Please only respond if you have any experience of working for those companies listed above and inform your line manager.

Once we have collated the responses, if required, we will be in touch with next steps. Apologies if you have received this email via other means, we want to reach as wide a commercial group as possible.

### Critical Components

The designs are still being developed so it is not entirely clear what exactly will be needed. However it is likely that solutions will need to draw on some or all of the following generic categories of component, so component manufacturers / suppliers with the follow capabilities would be of interest

Category	Notes
Air Compressors / Pumps	Examples; piston, diaphragm, solenoid
Bellows	
Self-inflating bags	Example; Ambu bags
Gas mixing valves	For oxygen/air mixing
Pressure Regulators	Oxygen rated
Flow Control valves	

Category	Notes
Solenoid valves	Example; 3/2 Medically rated switching valves
Pressure relief valves	For a range of pressures (including: 150 and 350 mmH <sub>2</sub> O)
Check valves / one-way valves	Example; duckbill, umbrella
Industrial Automation components (Safety Relays, PLCs)	
Power Supplies	Medical Grade
Electric Motors, and motor controllers	
Linear actuators and controllers	
Tubing and fittings	
Pressure Sensors and Indicators	
Oxygen Sensors and Indicators	
Flow Sensors and Indicators	
Manometers	
<i>Heat and moisture exchanging filters (HMEFs)</i>	<i>(If needed for humidification and heating of inspiratory gas)</i>
<i>Air Filter, HEPA Filters</i>	<i>(If we need to filter COVID-19 out of exhaled gas and clean incoming air / as mix)</i>

Many thanks in advance for your support.

**Gareth Rhys Williams**  
Government Chief Commercial Officer  
Cabinet Office